

What is claimed is:

1. A braking system for a surface abrading machine for abrading a surface with an abrading element having a frame and wheels comprising braking means operatively connected to the frame for applying a braking force to counteract force caused by contact of the abrading element with the surface being abraded by the abrading element.
2. The braking system of claim 1 wherein the braking means is positioned to contact at least one wheel of the surface abrading machine.
3. The braking system of claim 2 further comprising brake engaging means for causing the braking means to engage at least one wheel of the surface abrading machine.
4. The braking system of claim 3 wherein the brake engaging means is manually operable.
5. The braking system of claim 4 wherein the braking means includes rotating means for rotatably engaging at least one wheel of the surface abrading machine.
6. The braking system of claim 5 wherein the braking means has an axle member connected to the rotating means.
7. The braking system of claim 6 wherein the braking means includes means for exerting a braking force through the axle member.
8. The braking system of claim 7 further comprising brake force adjusting means associated with the braking means for exerting a braking force through the axle member.

9. The braking system of claim 8 wherein the axle of the braking means is separate from any axle associated with wheels of the abrading machine.

10. The braking system of claim 9 wherein the separate axle is movable to an engaged position and a disengaged position.

11. The braking system of claim 9 wherein the means for exerting a braking force through the axle includes brake disc.